

Billet Inline Autolite Air Filter Assembly

Your air filter has been cnc machined from 6061 T6 aluminum, mounts to the carb without any mods, includes a K&N washable element, has been anodized so that is exceptionally resistant to staining, and then was cnc ball end mill engraved in tribute. You may also have purchased a clear lid which is made of Lexan (polycarbonate). It's a very trick show piece and the high working temp of polycarbonate means that it could potentially be run as a functional part.

With air cleaner installed , the entire height of the intake from the valley rail to the top of the air cleaner is 11 5/8". It *WILL* fit under the hood on a Boss 302 without modification.

The air filter assemblies utilize a washable K&N element and can be maintained as prescribed by K&N. It comes pre-oiled and ready to run. The standard 1 ½" tall filter element is K&N part number E-2859. There are standard K&N filters in 2" (E-3710), 2 ½" (E-3717), 2 ¾" (E-3720), and 3" (E-3723) heights. You will need to make new pair of stand-offs increasing the height by the same amount you increase your filter element height.

I highly recommend installing the brass stand tubes. I have found they tend to prevent fuel from sloshing and getting sucked out of the main well. Raising the main well reference signal above the carb inlet surface raises the main well reference port out of the high velocity air and provides a significantly more stable signal, especially with the low profile air cleaner. To install, simply place a #10 cap screw inside the tube and light tap them until the seat. Installed height of the tube should be ~ 1 9/16".

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1.) Insert the studs into the base. 2.) Place the filter base on the carburetor noting that there are four blind holes on the bottom side that provide clearance for the carburetor screws. 3.) Install the two retaining brackets. 4.) Retain the assembly by screwing on the two hex stand-offs. 5.) Apply Loctite to the threads if you are installing the system to run on your car.



Form the filter as shown placing the seam in the filter rearward in the assembly.



Seam

Place the filter in the base ensuring that the filter element is in the retaining gland



Put the lid in place and install the retaining screws just snug against the filter. Do not tightene completely yet.



Work the filter into the gland by pushing on the rubber part of the element. Do not push on the element itself or you risk disturbing the natural lay of the pleated screen. Tighten the retaining screws and as you work your way around the perimeter of the filter. After the element have been installed and run, they have some memrory and removal/reinstallation becomes easier.



Done!



